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	Brookhaven National Laboratory National Synchrotron Light Source			Number: LS-PPS-0017 Effective: 4/16/02	Revision: A Page 1 of 3	
Subject: X1A Radio	logical Interlo	ock Test		1, 10, 02		
Prepared/ M. Buck Approved By:	ley	Approved By: S.Buda		Revision	n/Periodic Review Log	
				*Approval signatures on	file with master copy.	
Test Reason:			Test Result:	□ Passed	□ Failed	
			Test Type:	□ Full	☐ Partial	
Test Date:			Start Time:	Finish		
Tester 1:			Assistant 1:	<b>'</b>		
Tester 2:			Assistant 2:			
1. Leave shutters	zioscu.		lockout key ca	annot be removed t shed	from	
2. Open safety shu	itter.					
		Beamline button is p		annot be removed o	even if	
key just beyond	this point, but	note where solenoid t not far enough to ac Open safety shutter	tuate "key rem	noved" switch. Rel		
		RIB late The safe RIA can RIB can SPA co	ch light comes ch light comes ety shutter closurot be reset we mot be reset we mes on n't be reset w/o	on ses vithout SOR vithout SOR		

		X1A Ra	adiologic	cal Interlock	Test	
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	Open safety shutter. Sy position.	witch the Loc		itch to "Lock	•	and then back to "Enable"
				safety shutter		
				•	set without SC	)R
				comes on		
				can't be rese	et w/o SOR	
			2111			
	Open the safety shutter. replace the key.	Remove the	Control	Room Shutte	er Enable Key	for this beam line, then
	replace the help.		The	safety shutte	r closes	
				latch light co		
				•		able" light goes out
						the key is back on)
					r cannot be op	
	Reset RIA and SPA			•		
	Open the Safety Shutter Turn "Auto Open" key t At the Control Room Op back to "Enable"	o "ON" (if k	sole, sw	itch the shutte	er master enab	ole to "Inhibit" and
				safety shutter		
			And	then re-open	ıs	
	Turn "Auto Open" key t Switch the master enabl		and bac The		r closes	ot installed.

			AIA Ka	anorogica	u interiock	rest	
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7.	SR1 Che Ope	. •	out key.	ent area a	nd resets the	e indicators fo	r RIAX and RIBX at
				RIBX RIBX		bled" indicato abled" indicato	
				RIAX RIAX		bled" indicato abled" indicato	
				The s	afety shutte	r closes	
	Res	et RIB			CAN be re	set indicator com	es on)
	Res	et RIA			CAN be re p Enabled"	eset indicator com	es on)
8.		ate the safety shutter  I. Do not rely on labe					am pipe through the shield he shutter two times.
		N		ter at that	saw tooth o	opens or attem without hesita	· · ·
9.	Inform beamline contact that test is completed and to return beamline user interlock to normal (if applicable).						

\* \* \*

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